

## II. AMENDMENTS

This listing of claims replaces all previous versions.

1. (Currently amended) A process for making a fruit and/or vegetable derived composition comprising the steps of:
  - a) preparing a pulp from one or more fruit(s) and/or vegetable(s);
  - b) heating said fruit and/or vegetable pulp up to a temperature in the range of about 40°C to 100° C; [[and]]
  - c) mixing between about 1 and 40% w/w of a base having a pK<sub>a</sub> of less than 11 with the heated fruit and/or vegetable pulp of step (b) whilst said pulp has a temperature in the range specified in step (b) to form a mixture; and  
thereby obtaining a composition.
2. (Currently amended) The process of claim 1 further including ~~the a step of~~ d) filtering the ~~resulting composition obtained in step (c)~~ to make a filtrate and a residue.
3. (Currently amended) The process of claim 2, further including ~~the a step of~~ freezing and thawing the composition prior to filtering.
4. (Currently amended) The process of claim 1, further including ~~the a step of~~ beating the mixture following addition of the base in step (c).
5. (Currently amended) The process of claim 1 wherein the ~~resulting composition~~ mixture obtained in step (c) has a pH in the range of about 7.5 to about 9.5.
6. (Currently amended) A fruit and/or vegetable derived composition prepared according to a process comprising the process of claim 1.
7. (Previously presented) The fruit and/or vegetable derived composition of claim 6 having a pH in the range of about 7.5 to about 9.5.

8. (Canceled).
9. (Canceled).
10. (Canceled).
11. (Canceled).
12. (Currently amended) A method of treating a wound in a patient comprising topically administering to the area of the wound in said patient an effective amount of the composition of claim 6[[,]] ~~wherein the fruit and/or vegetable is paw paw and optionally one or more other fruits and/or vegetables.~~
13. (Currently amended) A method according to claim 12 wherein the wound is ~~selected from the group consisting of scarring, gangrene, a sore[[s]] or an ulcer, mouth ulcers and first to third degree burns.~~
14. (Currently amended) A method of prophylactically treating a patient susceptible to the occurrence of sores comprising:
  - a) identifying an area in said patient susceptible to development of a sore;
  - b) topically administering to the susceptible area in said patient an effective amount of the composition of claim 6, so as to prevent or reduce the occurrence or reduce the severity of sores in said patient[[,]] ~~wherein the fruit and/or vegetable is paw paw and optionally one or more other fruits and/or vegetables.~~
15. (Canceled).
16. (Canceled).
17. (Canceled).
18. (Canceled).
19. (Canceled).
20. (Currently amended) The composition of claim 6, wherein the ~~fruit and/or vegetable is selected from the group consisting of pawpaw, peach and a combination thereof~~ one or more fruit(s) and/or vegetable(s) comprises paw paw.
21. (Canceled).

22. (Currently amended) The process of claim 1, wherein the fruit and/or vegetable pulp is heated to a temperature in the range of ~~from~~ about 40°C to 70°C.
23. (Currently amended) The process of claim 22, wherein the fruit and/or vegetable pulp is heated to a temperature in the range of ~~from~~ about 50°C to 60°C.
24. (Currently amended) The process of claim 22 wherein the ~~fruit and/or vegetable is selected from the group consisting of pawpaw, peach and a combination thereof~~ one or more fruit(s) and/or vegetable(s) comprises paw paw.
25. (Currently amended) The process of claim 23, wherein the ~~fruit and/or vegetable is selected from the group consisting of pawpaw, peach and a combination thereof~~ one or more fruit(s) and/or vegetable(s) comprises paw paw.
26. (Previously presented) The process of claim 1, wherein the fruit and/or vegetable is selected from the group consisting of paw-paw, peach, mango, lime, mandarin, grapes, rockmelon, oranges, passion fruit, lemon, plums, grape, pineapple, pear, apple, tomato, avocado, potato, capsicum, pumpkin, carrot, lettuce, cucumber, cabbage, beetroot, apricot, melon, grapefruit, berries, banana and combinations thereof.
27. (Previously presented) The process of claim 1, wherein the base comprises a bicarbonate and/or a carbonate.
28. (Previously presented) The process of claim 27, wherein the base comprises a water-soluble alkali metal bicarbonate salt and/or a water-soluble alkali metal carbonate salt.
29. (Currently amended) The process of claim 1, wherein the base is selected from the group consisting of ~~comprises~~  $\text{CO}_3^{2-}$ ,  $\text{CN}^-$ ,  $\text{NH}_3$ ,  $\text{HS}^-$ ,  $\text{HCO}_3^-$ ,  $\text{CH}_3\text{CO}_2^-$ ,  $\text{NO}_2^-$ ,  $\text{F}^-$ ,  $\text{H}_2\text{PO}_4^-$ ,  $\text{SO}_4^{2-}$ ,  $\text{NO}_3^-$ ,  $\text{Cl}^-$ ,  $\text{Br}^-$ ,  $\text{I}^-$ ,  $\text{HSO}_4^-$  and ~~[[/or]]~~  $\text{ClO}_4^-$ .
30. (Previously presented) The process of claim 1, wherein the amount of base added is about 3% to 14% w/w.
31. (Previously presented) The process of claim 28, wherein the amount of base added is about 3% to 14% w/w.

32. (Currently amended) The process of claim 30, wherein the ~~fruit and/or vegetable is selected from the group consisting of pawpaw, peach and a combination thereof~~ one or more fruit(s) and/or vegetable(s) comprises paw paw.

33. (Previously presented) A process for making a therapeutic composition comprising the steps of:

- a) preparing a pulp from one or more fruit(s) and/or vegetable(s);
- b) heating said pulp up to a temperature in the range of about 40°C to 100° C;
- c) mixing between about 1 and 40% w/w of a base having a pK<sub>a</sub> of less than 11 with the heated pulp of step (b) whilst the heated pulp has a temperature of about 40°C to 100°C; and
- d) combining the composition obtained in step (c), or a filtrate thereof, with a pharmaceutically or dermatologically acceptable topical carrier or excipient.

34. (Previously presented) A process for making a cosmetic composition comprising the steps of:

- a) preparing a pulp from one or more fruit(s) and/or vegetable(s);
- b) heating said fruit and/or vegetable pulp up to a temperature in the range of about 40°C to 100° C;
- c) mixing between about 1 and 40% w/w of a base having a pK<sub>a</sub> of less than 11 with the heated fruit and/or vegetable pulp of step (a), wherein said heated fruit and/or vegetable pulp has a temperature of about 40°C to 100° C;
- d) the composition obtained in step (c), or a filtrate thereof, with a cosmetically or dermatologically acceptable topical carrier or excipient.

35. (Previously presented) The process of claim 33, further comprising the step of combining the composition of step (d) with one or more formulation ingredient(s) to obtain a topical formulation in the form of a lotion, cream, tonic, ointment, gel, paste, emulsion, salve, exfoliant, skin cleanser, toner, spray, masque, peel, sunscreen, lip balm, lipstick, depilatory and/or soap.

36. (Previously presented) The process of claim 34, further comprising the step of combining the composition of step (d) with one or more formulation ingredient(s) to obtain a topical

formulation in the form of a lotion, cream, tonic, ointment, gel, paste, emulsion, salve, exfoliant, skin cleanser, toner, spray, masque, peel, sunscreen, lip balm, lipstick, depilatory and/or soap.

37. (Currently amended) A therapeutic composition produced by a process comprising the process of claim 33.

38. (Currently amended) A cosmetic composition produced by a process comprising the process of claim 34.

39. (Currently amended) The composition of claim 37, wherein the ~~fruit and/or vegetable is selected from the group consisting of pawpaw, peach and a combination thereof~~ one or more fruit(s) and/or vegetable(s) comprises paw paw.

40. (Currently amended) The composition of claim 38, wherein the ~~fruit and/or vegetable is selected from the group consisting of pawpaw, peach and a combination thereof~~ one or more fruit(s) and/or vegetable(s) comprises paw paw.

41. (Previously presented) The composition of claim 38, further comprising a formulation ingredient selected from the group consisting of emulsifiers, stabilizers, anti-oxidants, coloring agents, moisturizers, surfactants, emollients, conditioning agents, essential oils, fragrance, and combinations thereof.

42. (Previously presented) The composition of claim 38 in the form of a lotion, cream, gel, tonic, paste, emulsion, masque, oil, ointment, salve, exfoliant, skin cleanser, toner, spray, masque, peel, sunscreen, lip balm, lipstick, depilatory or soap.

43. (Canceled).

44. (Canceled).

45. (Canceled).

46. (Canceled).

47. (New) A composition comprising a filtrate produced by a process comprising the process of claim 2.

48. (New) A method of treating a wound in a patient comprising topically administering to the area of the wound in said patient an effective amount of the composition of claim 47.

49. (New) The composition of claim 47, wherein the filtrate has a pH in the range of about 7.5 to 9.5.
50. (New) A method of treating a wound in a patient comprising topically administering to the area of the wound in said patient an effective amount of the composition of claim 49.
51. (New) A composition comprising a residue produced by a process comprising the process of claim 2.
52. (New) A method of treating a wound in a patient comprising topically administering to the area of the wound in said patient an effective amount of the composition of claim 51.
53. (New) The composition of claim 51, wherein the residue has a pH in the range of about 7.5 to 9.5.
54. (New) A method of treating a wound in a patient comprising topically administering to the area of the wound in said patient an effective amount of the composition of claim 53.
55. (New) A composition comprising a filtrate produced by a process comprising the process of claim 3.
56. (New) A method of treating a wound in a patient comprising topically administering to the area of the wound in said patient an effective amount of the composition of claim 55.
57. (New) The composition of claim 55, wherein the filtrate has a pH in the range of about 7.5 to 9.5.
58. (New) A method of treating a wound in a patient comprising topically administering to the area of the wound in said patient an effective amount of the composition of claim 57.
59. (New) A composition comprising a residue produced by a process comprising the process of claim 3.
60. (New) A method of treating a wound in a patient comprising topically administering to the area of the wound in said patient an effective amount of the composition of claim 59.
61. (New) The composition of claim 59, wherein the residue has a pH in the range of about 7.5 to 9.5.

62. (New) A method of treating a wound in a patient comprising topically administering to the area of the wound in said patient an effective amount of the composition of claim 61.
63. (New) A composition produced by a process comprising the process of claim 4.
64. (New) The fruit and/or vegetable derived composition of claim 63 having a pH in the range of about 7.5 to about 9.5.
65. (New) The method of claim 12, wherein the one or more fruit(s) and/or vegetable(s) comprises paw paw.
66. (New) The method of claim 13, wherein the one or more fruit(s) and/or vegetable(s) comprises paw paw.
67. (New) The method of claim 14, wherein the one or more fruit(s) and/or vegetable(s) comprises paw paw.